

What Is Claimed Is:

1. A device for use in a CATV system comprising:
  - a) at least one hollow body member having a central axis and opposite ends in parallel planes;
  - b) at least one header having a central axis longitudinally adjoining one of said ends in coaxial relation; and
  - c) cooperative structure on each of said body and header rotationally locking said body member and said header to one another.
2. The device of claim 1 wherein said structure comprise a notch in one of said body member and header and a tab on the other, said tab extending into said notch.
3. The device of claim 2 wherein said notch extends into said body member from one of said ends.
4. The device of claim 3 wherein said structure comprise a pair of notches extending into said body member from said one end and a pair of tabs on said header extending into respective ones of said notches.
5. The device of claim 1 comprising one body member and two headers, one of said headers adjoining each of said body member ends, and said structure comprises at least one notch extending into each of said ends of said body member and at least one tab on each of said headers, said tabs extending into the notch in the adjoining end of said body member.

6. The device of claim 5 wherein said structure comprise a pair of notches extending into each of said body member ends and a pair of tabs on each of said headers extending into said notches.
7. The device of claim 1 comprising a plurality of said hollow body members, each having a central axis and opposite ends in parallel planes, and a pair of said headers, said body members and headers being positioned in an axially aligned array with said headers at opposite ends of said array, and said structure rotationally locking each of said body members and headers to the adjacent body member and header.
8. The device of claim 7 wherein said structure comprises at least one notch extending into at least one of said ends of each of said body members and a corresponding tab on each of said headers extending into each of said notches.
9. The device of claim 1 and further including a sleeve coving at least portions of both said body and header to maintain said header and body in longitudinally adjoining relation.
10. The device of claim 1 wherein said header and body are joined with an interference fit maintaining said header and body in longitudinally adjoining relation.
11. A device for use in a CATV system comprising:
  - a) a hollow, cylindrical body member having a central axis and opposite ends in parallel planes;
  - b) a male header having a first annular portion, a first stem portion, and a central axis surrounded by a through opening with internal threads;

- c) a female header having a second annular portion, a second stem portion having external threads, and a central axis surrounded by a through opening;
- d) said body member and headers being arranged in coaxial relation with said male and female headers respectively adjacent said opposite ends of said body member; and
- e) one of a notch and a tab in each of said body member ends and the other of a notch and a tab in each of said headers, each of said tabs extending into a corresponding notch to rotationally lock said body and said headers to one another.

12. The device of claim 11 wherein a pair of said notches extend into each of said body member ends, and each of said headers includes a pair of said tabs.

13. The device of claim 12 wherein each of said notches has a pair of substantially linear sides spaced by a first, peripheral distance and each of said tabs has a pair of sides spaced by a peripheral distance substantially equal to said first distance, whereby said tabs are restrained from lateral movement within said notches and said headers are restrained from rotation relative to said body member.

14. The device of claim 13 wherein said first and second stem portions extend from one side of said first and second annular portions, respectively, and said tabs extend from the other side.

15. The device of claim 14 wherein said notches are positioned diametrically opposite one another in each of said body member ends, and each of said tabs are positioned diametrically opposite one another on each of said headers.
16. A multi-pole device for use in a CATV system comprising:
- a) first, second and third hollow, cylindrical body members of substantially equal inner and outer diameters, each having first and second ends in parallel planes, positioned in successive, coaxial relation with a first; open end of said first body member at one end and a second, open end of said third body member at the other end;
  - b) a first header including a first annular portion with a central axis surrounded by a first, through opening, and a first threaded portion;
  - c) a second header including a second annular portion with a central axis surrounded by a second, through opening, and a second threaded portion;
  - d) said first and second headers being positioned axially adjacent said first end of said first body member and said second end of said third body member, respectively; and
  - e) first means rotationally locking said first header to said one end of said first body member, second means rotationally locking said first body member to said second body member, third means rotationally locking said second body member to said third body member, and fourth means rotationally locking said second end of said third body member to said second header.

17. The device of claim 16 wherein said first means comprises a notch in one and a tab on the other of said first body member and said first header, said tab extending into said notch to rotationally lock said first body member to said first header.
18. The device of claim 17 wherein a pair of notches extend into said first end of said first body member and a pair of tabs extend from said first annular portion into said notches.
19. The device of claim 16 wherein said second means comprises a locking shield positioned between and rotationally locked to said second end of said first body member and said first end of said second body member.
20. The device of claim 19 wherein said second end of said first body member and said first end of said second body member are closed by respective end walls each having at least one opening, and said locking shield includes at least one protrusion extending into each of said openings.
21. The device of claim 16 wherein said third means comprises a locking ring positioned between and rotationally locked to said second end of said second body member and said first end of said third body member.
22. The device of claim 21 wherein said second end of said second body member is open, a pair of notches extend into said second end of said end of said second body member, said first end of said third body member is closed by an end wall having at least one opening, and said locking shield includes a pair of tabs extending from one side into said notches and a protrusion of the other side extending into said opening.

23. The device of claim 16 wherein said fourth means comprises a notch in one and a tab on the other of said third body member and said second header, said tab extending into said notch to rotationally lock said third body member to said second header.
24. The device of claim 23 wherein a pair of notches extend into said second end of said third body member and a pair of tabs extend from said second annular portion into said notches.
25. The device of claim 16 wherein longitudinally adjoining elements are retained in assembled relation by interference fit.
26. The method of fabricating and assembling a device for use in a CATV system comprising:
- a) forming a hollow, cylindrical body member having first and second ends in parallel planes;
  - b) forming first and second headers having first and second annular portions, respectively.
  - c) forming first rotational locking means with a first portion on said first end of said body member and a second portion on said first header;
  - d) forming second rotational locking means with a first portion on said second end of said body member and a second portion on said second header;
  - e) placing said first header axially adjacent said first end of said body member with said first and second portions of said first rotational

locking means in mutual engagement, thereby rotationally locking said first header and said body member to one another; and

- f) placing said second header axially adjacent said second end of said body member with said first and second portions of said second rotational locking means in mutual engagement, thereby rotationally locking said second header and said body member to one another.

27. The method of claim 26 wherein said first portions of each of said first and second rotational locking means comprises one of a notch and a tab in said body member.

28. The method of claim 27 wherein said second portions of each of said first and second rotational locking means comprises the other of a notch and a tab in said first and second headers, respectively.

29. The method of claim 28 and further comprising enclosing said body member and at least portions of said first and second headers in a closely fitting, hollow sleeve and forming ends portions of said sleeve over the peripheries of said first and second annular portions, thereby maintaining said body member and said headers in axially adjacent relation.

30. An enclosure for an electronic device used in the CATV industry comprising:

- a) a hollow, cylindrical body;
- b) a header closing one end of said body; and
- c) an interference fit between portions of said body and header securing said body and header in assembled relation in the absence of soldering.

31. An enclosure for an electronic device used in the CATV industry comprising:

- a) a hollow, cylindrical body;
  - b) a header closing one end of said body; and
  - c) a thin sleeve enclosing at least portions of said body and header
- maintaining said body and header in assembled relation in the absence of soldering